North America's Leader in Hazardous Material Information Management

1905 Aston Avenue, Carlsbad, CA 92008 Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005

To: MSDS Requester

From: 3E Company

Subject: The MSDS you have requested

[] MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communicatin Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

[] MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

[] MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

[X] MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Titan Corporation

Product Name: Marine Epoxy W/Hardener 12 Oz.

		- 1			N/A		Character and Consider WHAE				Special Handling - None	Reactivity 2	Fire 2	Health 2	B.H.I.S. Code		Fire Code - Class III-B	C.A.S. £131-11-3	Dimethyl Phthalate	Fire Code - Class III o	C.A.S.#1338-23-4		Methyl sthyl ketone peroxide	CHEMICAL AND CONNICH PARK		Organic Peroxida	Methyl Ethyl Retone Peroxide	5629 208th St. SW Lynnu		COMPLES WITH MAG PREADAGE	PROBLEM TRANSPORT OF THE PROBLEM TO COMPANY AND RESORT THE PROBLEM THE PROBLEM THE PROBLEM TO COMPANY AND RESORT THE PROBLEM THE
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		-	-				PEPERENCE SOUNCE WIS												SHG/H3				0-2 PP#	WALLE CALGERY OF THE	04 and C881806		Hardener or catalyst for		(206) 775-2582	April 1992	MAICHIAL SAFETY DATA SHEET
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Filladen Carrie Andry Date Pall - 411 - 4				Clear oily liquid, ketone odor.		COLUMNITY GOODY BANNEY Blight in 820	AYNOW DENELLA (19	VAPON PHETSIAE (AM Hg.)	BOLDE PORT LAI	AUR BATE SEASO	A GHALLOWED: Administer large q	₩	ORIN CONTACT: Wash with somp an	water f	minutes. Hold eyes open	STES: Immediately flush with la	4				#/X	Eyee, Skin, Inhalation, and Ingestion		fatal if swallowed. Moderate skin izzitant.	severe eye irritation; may caus		Specific symptoms and effect:		Cornelisto: Son	:	Effects of Exposure:
							N/A	N/N	K/R	TING by	15	1	7.2	יין	n while	large qu						ngestion		skin iz	use blin	or over					FECTODAIN H
							EVAPORATION SATE C	PERCENT VOLVECT BL. NOTING MA	SHECKING GRANTY DAD = 1)	server give anything by mouth to an unconscious person. Issed-	uantities of water if person is conscious.	Consult a physician if discomfort persists.	r. If irritation occurs, see a physician	during transport to a medical facility.	while flushing. Call a physician. Continue	rge quantities of water on site for 20 to 30									e blindness. Harmful if inhaled. Harmful or	cause of over exposure not known, but will cause		perete, may cause 5/10dness	Severe, Mys - Severe		SECTION DE HEALTH HAZAND DATA

Contamination and temperature. See by Contamination and temperature. See by Contamination may lead to fix during exposure to fire, can decompose during exposure to fire, can decompose the fire of th	PLESS PERFORMANCE AND PARTY PROPERTY AND PARTY PERFORMANCE AND PARTY PROPERTY WATER FOG. Dry chemical and Foam presume amount involved, evacuate area and fight If large amount involved, evacuate area and fight	aflash Clos	bry c	hemical and Foam cuate area and fight fire
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www.smitoniake.paoce hing during cle- culite, or sand culite, or sand ipment and plac d containers to d containers to		MAY OCCUR	N/N	mable
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Use only NIOSH/MES.	A approved equipment. Can or cartridge,	gas of vapor.
MULT THOM	.0 1	á
	Peroxide: 0. 3ppm (5mg/m3)	ceiling (OSHA/ACGIH)
Neoprene Nonchi dioes	Lmethylphthalate: Smg/m fre Montrow (OSHA/ACGIH)	
RESPIRATORY P	CARTITION (SPECIFY TYPE): Use NIOSH/MSHA	permissible exposurs
PROTECTIVE GLOVES:	Neoprene type hemical safety goggles	
OTHER ENGINE	ENGINEERING CONTROLS: Eye wash station	97.00 CE 180 F
Do not get i	in eyes, on skin or clothing	•
THE PLACEMEN		
Wash thoroughly	ighly after handling	
Store below	Store below 100°F to maintain active oxygen content, preferably	ably between 60-
85°F. Wash	n thoroughly after handling. Do not get in eyes,	on skin or clothin
Keep containers	closed. Keep away from heat, sparks, and	open flames. Store
in tightly c	closed containers. Do not store near combustibles.	es. Empty containe
may contain	hazardous residues.	
Shipping Regulations:	egulations: Hazard Class or Division: 5.2	
Proper Shipping	ping Name: Organic Peroxide type D, liquid	
Identificati	Identification Number UN 3105 Packing Group; II	
Labels Required: DISCLAIMER: The accurate. Howev	ired: Organic Peroxide The information contained herein is However, no warranty is expressed or i	ta considered to be
e ga	data or the regults to be obtained from the use thereof. sed to confirm in advance of need that the information is le, and suitable regarding all current regulations.	reof. Recipients on is current,

DE PARTUENT OF LABOR AND IMDUSTRIES INDUSTRIAL HYGIENE SECTION POB 2017 OLYMPIA, WA 88564 (206) 753-4427

MATERIAL SAFETY DATA SHEET

COMPLIES WITH WAC 288-62-05413

PREFARATION/REVISION DATE
APT 11 1992

		SECTION	
<i>Markathers was</i> Fitan Corporation			EMERGENGY TELEPHONE NO. (206) 775-2582
508838 [Number, Street, City, and 20° Code] 5629 208th St., SW Ly	Lynnwood, WA 98036	WA 980	36
Recursing Epoxy Resin			Rutldere Clue Coating Enorg
Huch Faury Modified Liquid Epoxy Resin	in	FORMICA	٩.
		N II HAZABOO	SECTION II HAZARDOUS INGREDIENTS

THE STATE OF THE PERSON		Jeda	APPLICABLE EXPOSURE LIMITS	1178
CHECK AND COMPON AND	y.	PEL-WISHA/OSHA	TLV-ACGIH	ОТНЕЯ
Epoxy Resin	9/	Non-Assigned	gned	
Cresyl Glycidyl Ether	P 7			
CAS# 26447-14-3				
Fire Code Definition - Class III B	Class	III B		
			•	
HMIS Ratings				
Health 2				
Fire 1				
Reactivity 1				

NTP REFERENCE SOURCE	CARCINGGENIC INGREDIENTS	VIC INGRE	DIENTS		
MTP IARC	sain againg ant againsais			REFERENCE SOURCE	35
	CACHICAL PAIN COMMON SAME	*	HTP	IARC	WISHA/OSHA
more of any substance which is listed as a carcinogen by NTP, IARC, or OSHA.	This product does not contain 0.1% or				
as a carcinogen by NTP, LARC, or OSHA.	more of any substance which is listed				
	as a carcinogen by NTP, IARC, or OSHA.				

1500/000 FORMERTUALIST, LATERAL SAFET DATABRETT 445 -415 - 405-7

EXEST: May cause eye irritation SKIN: Prolonged or repeated exposure may cause skin irritation. May cause skin sensitization SKIN ABSORPTION: A single prolonged akin exposure is not likely to result in absorption of harmful amounts. The dermal LD50 is unknown INCESTION: Single dose oral toxicity is expected to be low. INHALATION: No guide for control established. Single exposure to vapors is nemer or runw INTA NA SKIN: Mash off in flowing water or shower. Remove contaminated clothing and wash before reuse. Use extra care with shoes. INGESTION: Induce vomiting if large amounts are ingested. INGESTION: Remove to fresh air if effects occur. Consult a physician. NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in reponse to reactions of strongenerum. NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in reponse to reactions of strongenerum. NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in reponse to reactions of strongenerum. NA strongenerum.	5	SECTION NEALTH HAZAND DATA	HHAZAND DATA	
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N/A PERCENT VOLANTE BY VOLUME (%) NORVOLATILE EVAPORATION RATE	ACM DATE PURIT CORP.	SECTION IS	SPECIFIC GRAVITY 0430=13	4
Nonvolatile evernment Nonvolatile Nonvolatile N/A	VAPOR PRESSURE (even big.)	4/N	PEACENT VOLATILE BY VOLUME (%)	4/2

Fat 3.07.000 Meinerel Salety Date Bheed 6.83 633.4

Clear (light amber) liquid of low viscosity.

ALASH PAINT GARING GARD 350°F PMCC EXPROSESSA LEGAL FOOM, CO ₂ , dr broad FRE FROMAD PACE FIRE FIGHTING FIRE FIGHTING	FIRE FIGHTING EQUIPMENT:	Wear positive pressure self-contained breathing apparatus during fire-fighting.
None Known	COSION HAZAROS	
Specific material NAZANDOUS SECONDOUS SECONDOUS SECONDOUS PRODUCTION OF THE PRODUCTI	Specific materials to avoid:	Base
various phen	Various phenolic compounds	and/or CO2 may be evolved and/or common to non-
POLYMERIZATION	WILL NOT OCCUR	und of product plus an aliphatic a
STABLITY	UNSTABLE	
N. 2574. 28. 54. 24. 24. 24. 24. 24. 24. 24. 24. 24. 2	STABLE	degrade the resin. Freezing may cause a temporary haziness. Fire conditions increase viscosity
Soak up in n	Soak up in non-reactive absorben	t material or scrape up. The residue
removed with hot	hot soapy water.	, acetone, or
solvents in o	clean up poses	d therefore should be a
WASTE DISPOSAL METHOD At this time,	this material	
wastes as def	ined u	federal RCRA regulations (40 cm 7/4)
Care should b	should be taken to en	the material or i
disposed of i	in an approved	
waste agency of the !!	dractons. For	formation contact
** (***********************************	He market the your war to	Waste agency or the Wast Environmental Protection Agency's 1-800-324-9346, or

applicable, and suitable regarding all current regulations.
to confirm in advance of need that the inform
data or the results to be obtained from the use thereof.
n is based
y DOT, UN Number: None, DOT Hazard Class: None
DOT Ship
ned by SARA Title II
as been
ubstance which is subject
This material may cause sensitization. Do not get in eyes, or on skin or clothi
PRECUTIONS TO BE TAKEN IN NUMBERS AND STORMED SECTION VIII SPECIAL PRECAUTIONS
N/A
HIGHNE PRACTICES
and contact. Avoid breathing vapors of heated material.
aution and good perso
N/A
severity
Clean body covering clothing. In addition, rubber gloves, boots, aprons,
OUPMENT
TIVE GLOVES N/A
Good room ventilation usually adequate for most operations.
WST
RESPUNTORY PROTECTION (Specify 1980)

Manufacturer Memorandum Sheet

Date:

6-Feb-97

TO:

MSDS Requester

FROM:

Shannon North - 3E Company Data Management

RE:

The MSDS you have requested

Manufacturer: Titan Corporation

Product Name: Marine Epoxy W/Hardener 12 Oz.

Product #:

Mfg Contact Name: Buffy

Mfg Phone #: (206) 775-2582

Per the manufacturer the MSDS(s) listed below cover the above product. Epoxy 760 Builders Glue Coating Epoxy Hardener or catalyst for polyester resins